

DWL-650+



Up to
2X
Faster



- Up to 22Mbps with AirPlus Products
- Fully 802.11b Compatible
- Improved Performance
- Higher Data Encryption (64/128/256-bit)

AirPlus

Enhanced 2.4GHz Wireless

Cardbus Adapter

11b
ENHANCED
802.11b

22
Mbps

256-BIT WEP

**FREE
24/7
TECH
SUPPORT**
(USA ONLY)

D-Link, the industry pioneer in wireless networking, continues to offer performance breakthroughs in wireless connectivity. The D-Link AirPlus™ series of high-speed devices with data transfer rates up to 22Mbps is just one example

The D-Link AirPlus DWL-650+ Cardbus Adapter is an enhanced 802.11b cardbus featuring advanced silicon chip design from Texas Instruments that utilizes their patented Digital Signal Processing™ technology. The DWL-650+ is fully compatible with the IEEE 802.11b standard making it interoperable with all existing 802.11b compliant devices. When connected to standard 802.11b devices, transfer rates can be up to 20% faster. When connected to other D-Link AirPlus products, the performance is

even greater—up to 22Mbps! The DWL-650+ also features 256-bit WEP encryption providing you a higher level of security for your data and communications.

The D-Link AirPlus DWL-650+ also includes a configuration utility to discover available wireless networks and create and save detailed connectivity profiles for those networks most often accessed.



The DWL-650+ is a powerful 32-bit cardbus adapter that installs quickly and easily into laptop PCs and when used with other D-Link AirPlus products automatically connects to the network. And all D-Link wireless adapters, can be used in ad-hoc mode to connect directly with other cards or in infrastructure mode to connect with a wireless access point for access to the Internet in your office or home network.

AirPlus

Enhanced 2.4GHz Wireless

Cardbus Adapter



DWL-650+

SPECIFICATIONS

Standards

- IEEE 802.11
- IEEE 802.11b
- Wi-Fi

Bus Type

32-bit Cardbus

Data Rates

With Automatic Fallback

- 22Mbps • 11Mbps
- 5.5Mbps • 2Mbps
- 1Mbps

Encryption

64-, 128-, 256-bit RC4

Media Access Control

CSMA/CA with ACK

Frequency Range

2.4GHz to 2.462GHz

Range

Indoors: Up to 328 feet
(100 meters)

Outdoors: Up to 1,312 feet
(400 meters)

Power Management

Automatic to Reduce Battery Usage

Power Consumption

- Doze mode = 9mA
- Receive mode = 185mA
- Transmit mode = 285mA

Transmitter Output Power

15dBm (32mW) $\pm$ 2dB

Modulation Technology

- PBCC - Packet Binary Convolutional Coding
- Direct Sequence Spread Spectrum (DSSS)
- 11-chip Barker sequence

Modulation Techniques

- Barker (1Mbps/0db)
- Barker (2Mbps/3db)
- CCK (5.5Mbps/5.5db)
- PBCC (5.5Mbps/1.5db)
- CCK (11Mbps/8.5db)
- PBCC (11Mbps/4.5db)
- PBCC (22Mbps/8.5db)

Internal Antenna Type

Diversity

Over-Driving Levels

Tolerates up to +17dBm at the Antenna

Operating Temperature

32°F to 131°F (0°C to 55°C)

Humidity

95% maximum (non-condensing)

Dimensions

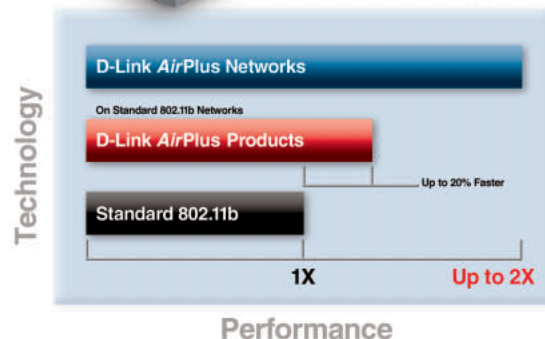
- L = 4.64 (114.3mm)
- W = 2.13 (54mm)
- H = 0.34 inches (8.7mm)

Weight

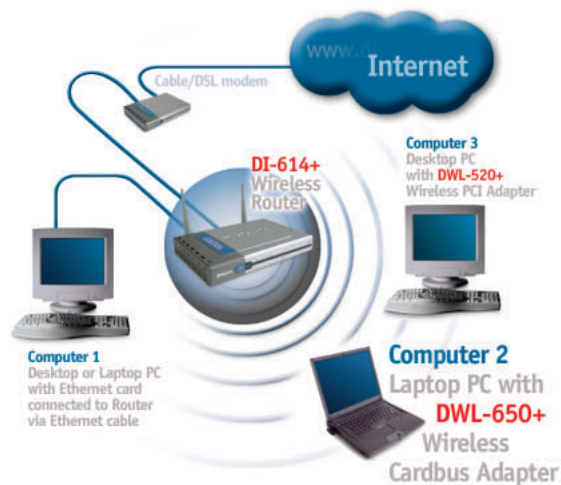
0.12 lb (55g)

Warranty

3 Year



D-Link AirPlus Networks can transfer data up to 22Mbps (Up to 2X faster than standard 802.11b networks). On standard 802.11b networks, D-Link AirPlus products provide up to 20% faster data transfer rates.



Wireless Access
for your Workstation



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* 24/7 Tech Support is available only in USA.

D-Link®
Building Networks for People